SAFETY DATA SHEET

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product identifier
   Product code: U1A210
   Product name: AGITAN® A210

1.2. Relevant identified uses of the substance or mixture and uses advised against
   Recommended Use: Anti-foaming agent (defoamer)

1.3. Details of the supplier of the safety data sheet
   Manufacturer: Munzing - Ultra Additives LLC.
   Address: 1455 Broad Street
   City: Bloomfield NJ
   Country: United States
   Email: info@munzing.us
   Phone: 1-973-279-1306

1.4. Emergency telephone number
   CHEMTREC (24 hrs - for spill, leak or transportation incidents):
   US: 1-800-424-9300
   non-US: 1-703-527-3887
   EU: +49 761 19240 (VIZ Freiburg)

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
   Classification according to Directive 67/548/EEC or 1999/45/EC.

2.2. Label Elements
   Symbol: Not dangerous
   R-phrases: This product does not require any hazard labelling
   S-phrases: This product does not require any hazard labelling

2.3. Other hazards
   Results of PBT and vPvB assessment
   PBT: Not applicable
   vPvB: Not applicable

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
   Chemical nature of the product: Petroleum oil-based mixture
### Component Information

<table>
<thead>
<tr>
<th>Component Description</th>
<th>CAS No</th>
<th>EC No.</th>
<th>REACH Reg. No</th>
<th>GHS(*)</th>
<th>Classification</th>
<th>% [weight]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light paraffinic</td>
<td>64742-55-8</td>
<td>265-158-7</td>
<td>--</td>
<td>--</td>
<td>20 - 50</td>
<td></td>
</tr>
<tr>
<td>Petroleum distillates, solvent-refined light paraffinic</td>
<td>64741-89-5</td>
<td>265-091-3</td>
<td>--</td>
<td>--</td>
<td>20 - 50</td>
<td></td>
</tr>
</tbody>
</table>

### EU Classification Note Text

The classification corresponds to the current EU listing, but is enhanced by specialized literature data and the company's own information.

The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fraction.

### Full text of R-phrases: see section 16

#### Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

- **Eye Contact**: Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
- **Skin Contact**: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
- **Ingestion**: Clean mouth with water. If swallowed, DO NOT induce vomiting.
- **Inhalation**: Move victim to fresh air.

4.2. Most important symptoms and effects, both acute and delayed

Irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate medical attention is not required.

**Notes to Physician**: Treat symptomatically.

#### Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

In case of fire, use water/water spray/water jet/carbon dioxide/sand/foam/alcohol resistant foam/chemical powder for extinction. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Remove all sources of ignition. Avoid exceeding of the given occupational exposure limits (see section 8).

6.2. Environmental precautions
Avoid release to the environment. Do not allow to enter into surface water or drains. Do not flush into surface water or sanitary sewer system. Material becomes extremely slippery when wet. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up
Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

Prevent spreading over a wide area (e.g. by containment or oil barriers) Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13)

6.4. Reference to other sections
Material can create slippery conditions

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2. Conditions for safe storage, including any incompatibilities
Keep containers tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)
1.2. Relevant identified uses of the substance or mixture and uses advised against

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
Engineering Controls
Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment.

<table>
<thead>
<tr>
<th>Component</th>
<th>EU</th>
<th>United Kingdom</th>
<th>France</th>
<th>Spain</th>
<th>Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum, hydroxybis(octadecanoato-O)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td></td>
<td></td>
<td></td>
<td>VME: 2 mg/m³</td>
<td>VLA-ED</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>VLA-ED: 2 mg/m³</td>
<td>VLA-ED</td>
</tr>
</tbody>
</table>

8.2. Exposure controls
Personal Protective Equipment:
Respiratory protection
If exposure limits are likely to be exceeded or if irritation or other symptoms are experienced, NIOSH/MSHA or EN 136 approved respiratory protection should be worn.

Eye Protection
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. PVC, Neoprene, PVA.

Skin protection

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Do not get in eyes, on skin, or on clothing.

Environmental exposure controls
No information available.
Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Typical properties provided; These values do not represent product specifications.

Appearance: Yellow
Physical State: Liquid
Odor: mild
pH: 7 (20 g/L)@20C approx.
Flash point: > 100 °C
Autoignition temperature: No data available
Boiling point: No information available
Melting point: No information available
Flammability: No information available
Explosive properties: No information available
Specific gravity: 0.88
Solubility (water): Partly miscible
Vapor pressure: No information available
Density: No information available
Oxidizing properties: not an oxidizer
VOC content (%): No information available
Solid content (%): >96
Viscosity: ~600 mPas @20C

9.2. Other information
None.

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity
Stable under normal conditions.

10.2. Chemical stability
Stable under normal conditions

10.3. Possibility of hazardous reactions
Hazardous polymerization does not occur. Stable under normal conditions.

10.4. Conditions to avoid
Heat, flames and sparks.

10.5. Incompatible materials
Strong oxidizing agents.

10.6. Hazardous decomposition products
Thermal decomposition can lead to release of irritating and toxic gases and vapors. Carbon oxides.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute Toxicity

Product Information
Information given is based on data on the components and the toxicology of similar products.
Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity
Discharge into the environment must be avoided

<table>
<thead>
<tr>
<th>Component</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum distillates, hydrotreated light paraffinic</td>
<td>5000 mg/kg (Rat)</td>
<td>2000 mg/kg (Rabbit)</td>
<td>2.18 mg/L (Rat) 4 h</td>
</tr>
<tr>
<td>Petroleum distillates, solvent-refined light paraffinic</td>
<td>&gt;3000 mg/kg (Rat)</td>
<td>&gt;2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Polyalkylene glycol</td>
<td>&gt;2000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Paraffin waxes and Hydrocarbon waxes</td>
<td>3750 mg/kg (Rat)</td>
<td>3600 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

Chronic Toxicity
Carcinogenicity
This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Irritation
May cause transient irritation. Skin, rabbit: Eye, rabbit:

Sensitization
No known effect.

Neurological Effects
No information available.

Mutagenic effects
No information available.

Reproductive Effects
No information available.

Developmental Effects
No information available.

Target Organ Effects
Respiratory system, Skin.

Other adverse effects
None known.

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste from residues/unused products
Can be incinerated, when in compliance with local regulations

Contaminated packaging
Empty containers should be taken for local recycling, recovery or waste disposal. Do not burn, or use a cutting torch on the empty drum.

Waste codes / waste designations according to EWC / AVV
No information available.

Other information
Waste codes should be assigned by the user based on the application for which the product was used.
Section 14: TRANSPORT INFORMATION

ADR/RID
Not regulated

<table>
<thead>
<tr>
<th>14.1. UN number</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN proper shipping name</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.4. Packing group</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.5. Environmental hazards</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.6. Special precautions for user</td>
<td>Not applicable</td>
</tr>
<tr>
<td>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

ICAO/IATA
Not regulated

IMDG/IMO
Not regulated

Section 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

WGK Classification (VwVwS)
Water endangering class = 1 (self estimation)

15.2. Chemical safety assessment
Chemical safety assessments for substances in this preparation were not carried out.

International Inventories
All of the components in the product are on the following Inventory lists

- Canada (DSL) Complies
- China (IECSC) Complies
- Europe (EINECS/ELINCS/NLP) Complies
- Japan (METI) Complies
- South Korea (KECL) Complies
- Philippines (PICCS) Complies
- Australia (AICS) Complies
- US TSCA Complies

Section 16: OTHER INFORMATION

Full text of R-phrases referred to under sections 2 and 3
Not applicable

Full text of H-Statements referred to under sections 2 and 3
Not applicable

Issue Date 2009-05-21
Revision Date 2014-06-04
Revision Note Update to Format

Disclaimer
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet